

Davis-Besse

3Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	0	0	0	0	0	287.3	2183.0	2132.7
Indicator value	N/A	N/A	N/A	N/A	N/A	N/A	0	1.5

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



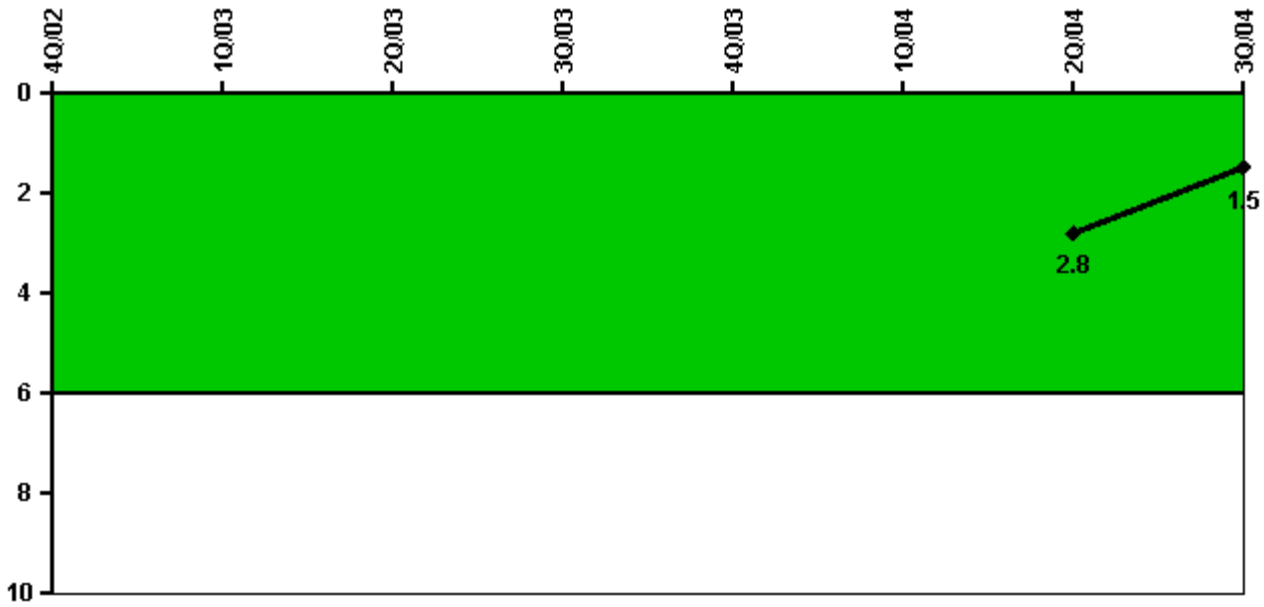
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



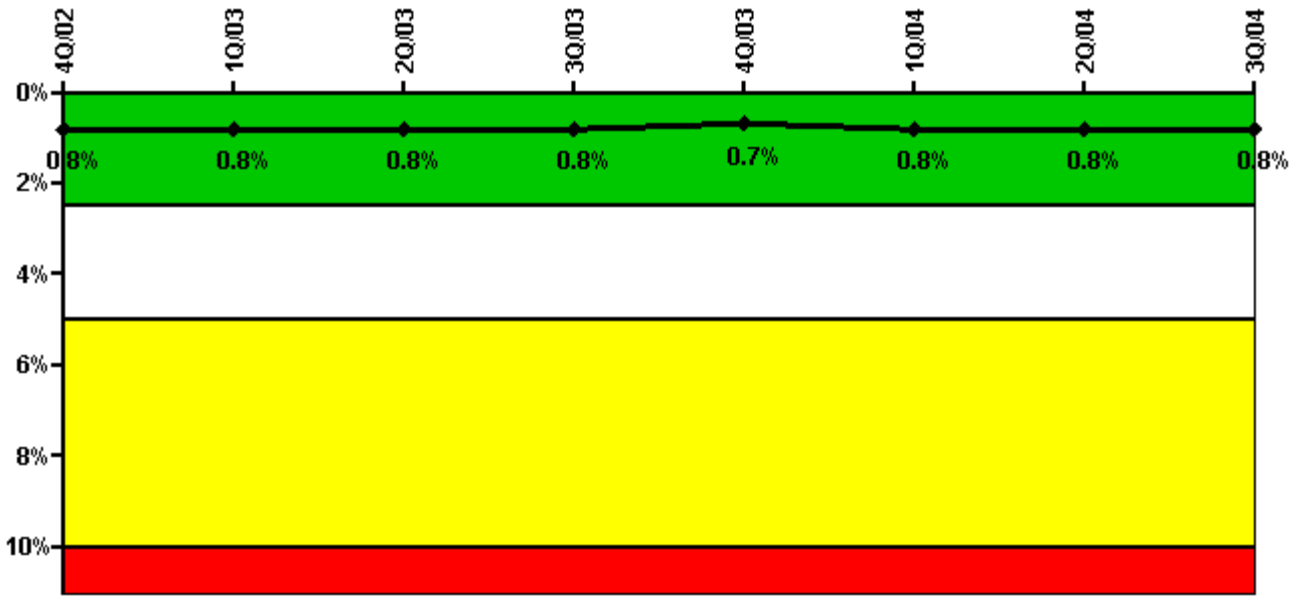
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	0	0	0	0	0	287.3	2183.0	2132.7
Indicator value	N/A	N/A	N/A	N/A	N/A	N/A	2.8	1.5

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



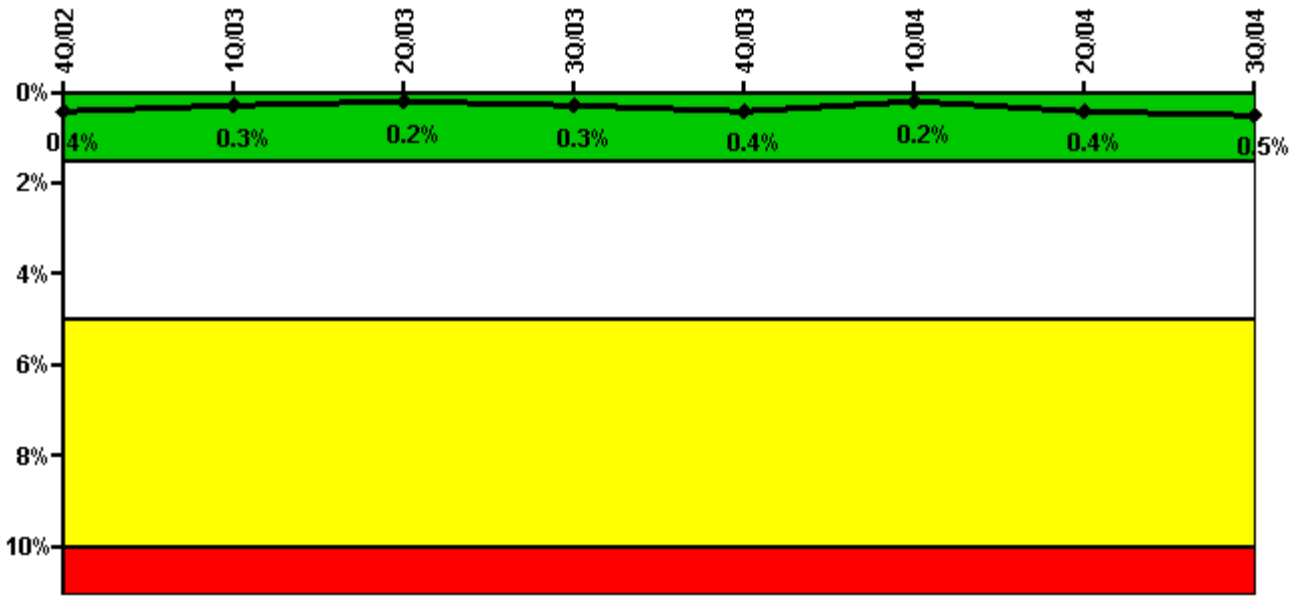
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0	0	0	0	0.80	29.20	5.40	76.70
Unplanned unavailable hours	0	0	0	0	0	0	15.70	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	609.70	1192.50	937.80	1616.20	953.30	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	0	1.80	0	7.30	35.30	10.30
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1598.30	967.50	1246.20	1011.30	1401.80	2184.00	2183.00	2208.00
Indicator value	0.8%	0.8%	0.8%	0.8%	0.7%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



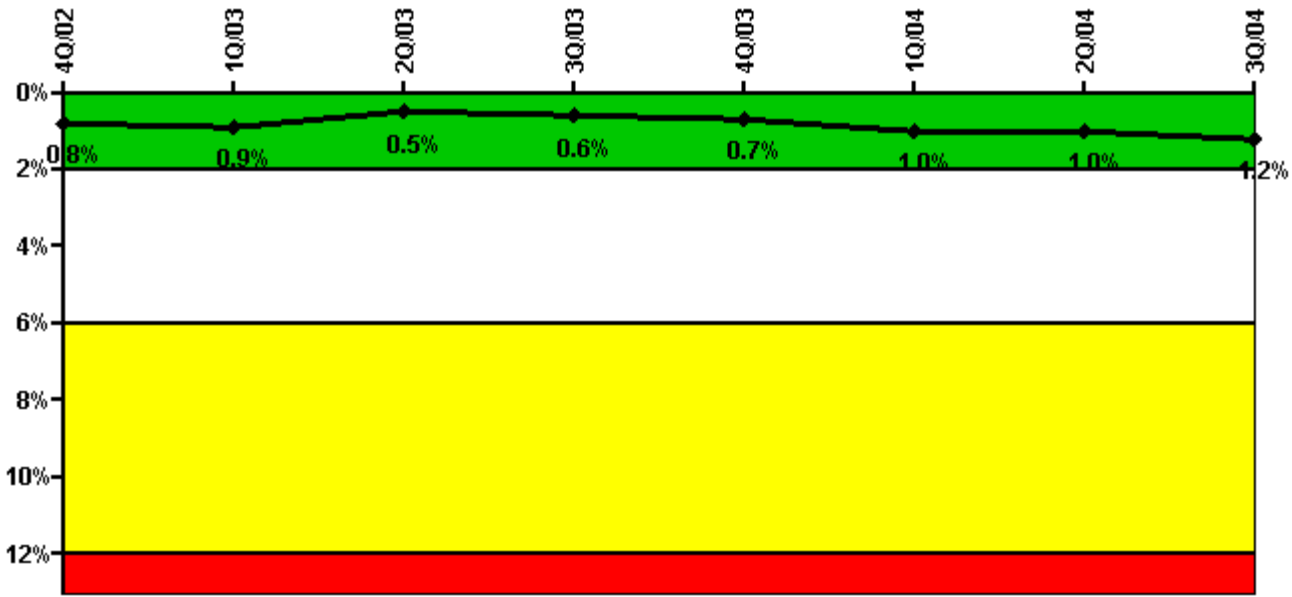
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0	0	0	9.10	0	0	10.80	31.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	377.70	213.30	2063.50	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	0	3.50	0	0.60	16.40	6.90
Unplanned unavailable hours	0	0	0	0	0	0	6.80	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	377.70	147.20	2063.50	2183.00	2208.00
Indicator value	0.4%	0.3%	0.2%	0.3%	0.4%	0.2%	0.4%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



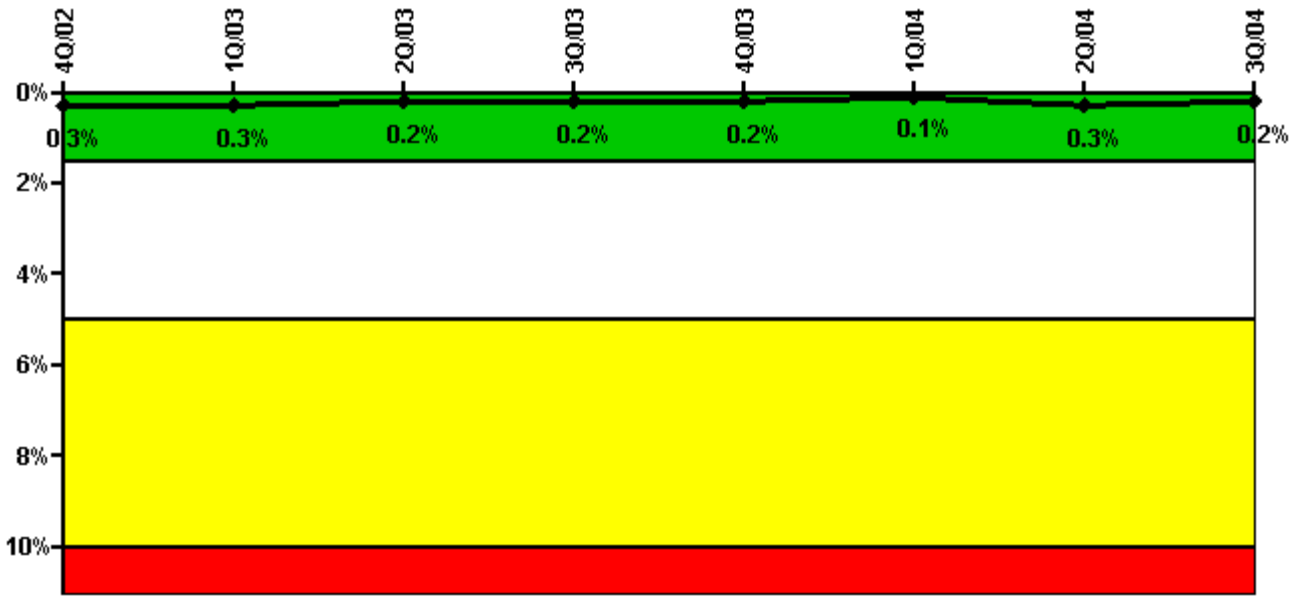
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0	0	0	6.65	2.53	12.30	23.40	32.20
Unplanned unavailable hours	0	0	0	18.12	0	22.90	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	377.68	92.07	1656.30	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	0	0.72	0	9.80	23.90	37.10
Unplanned unavailable hours	0	0	0	0	0	31.90	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	377.68	92.07	1656.30	2183.00	2208.00
Train 3								
Planned unavailable hours	0	0	0	0	0	0	13.70	0
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	0	0	0	377.68	92.07	1656.30	2183.00	2208.00
Indicator value	0.8%	0.9%	0.5%	0.6%	0.7%	1.0%	1.0%	1.2%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

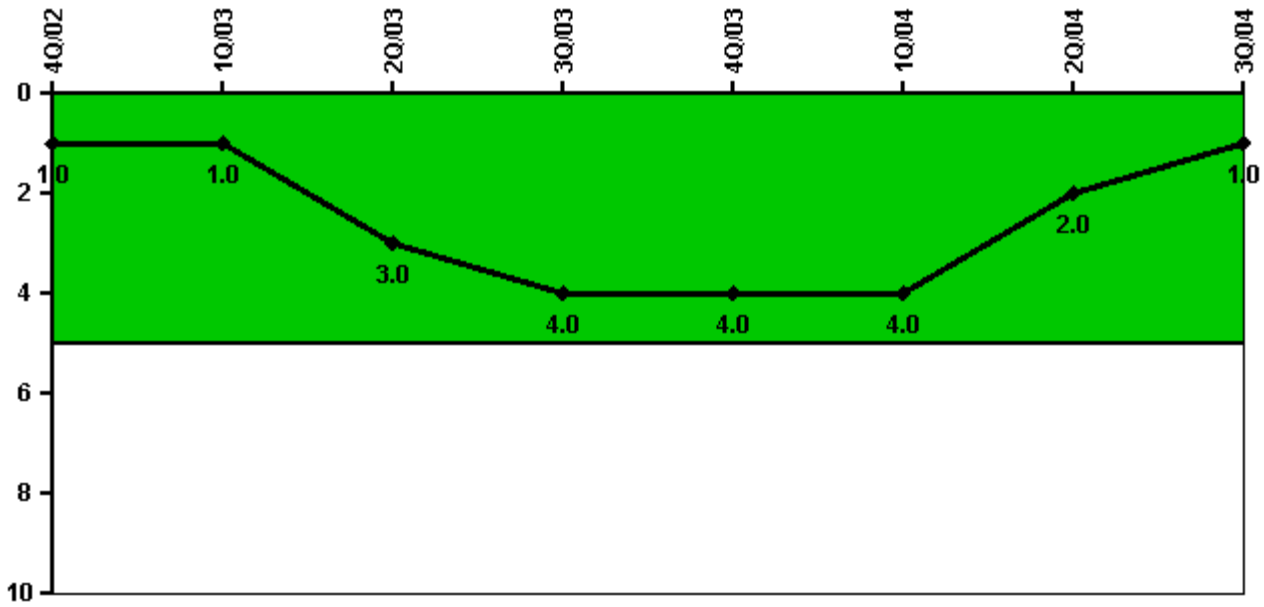
Notes

Safety System Unavailability, Residual Heat Removal System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	0	0	0	3.80	0	2.60	26.90	4.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	609.70	1801.70	1384.70	1662.60	943.40	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	0	0	0	1.50	0	2.80	15.50	24.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1598.30	1057.50	1573.80	1136.30	1477.90	2184.00	2183.00	2208.00
Indicator value	0.3%	0.3%	0.2%	0.2%	0.2%	0.1%	0.3%	0.2%

Licensee Comments:

1Q/02: 3Q2004: Corrected minor data entry error. This minor change did not affect the color of the indicator.

Safety System Functional Failures (PWR)



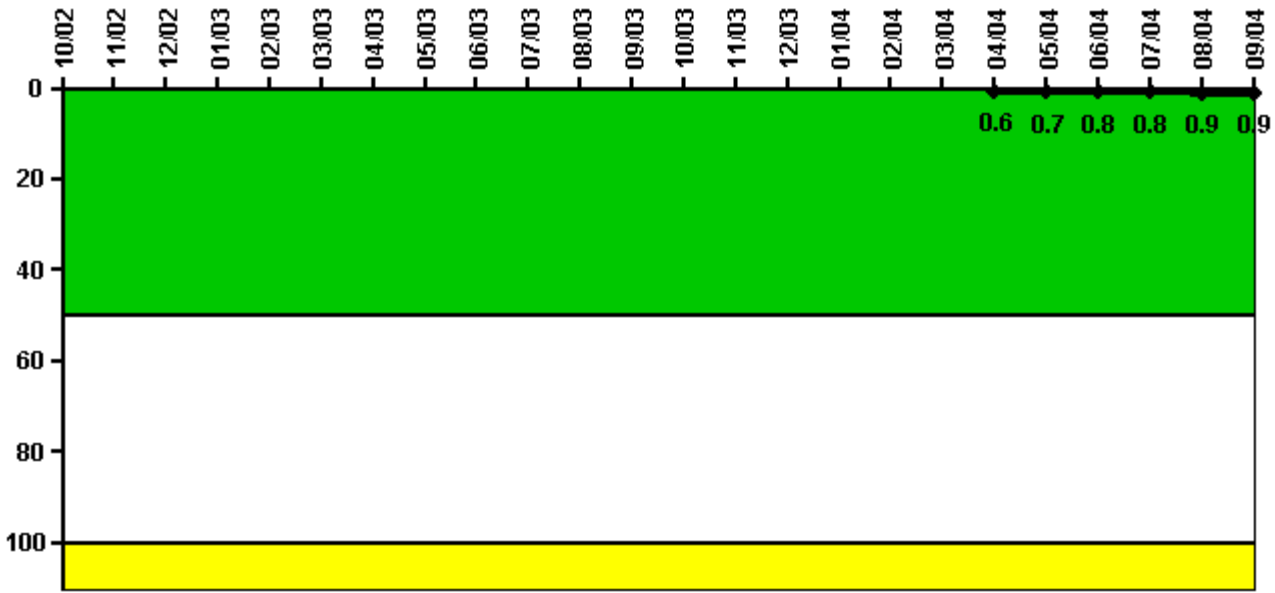
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Safety System Functional Failures	1	0	2	1	1	0	0	0
Indicator value	1	1	3	4	4	4	2	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

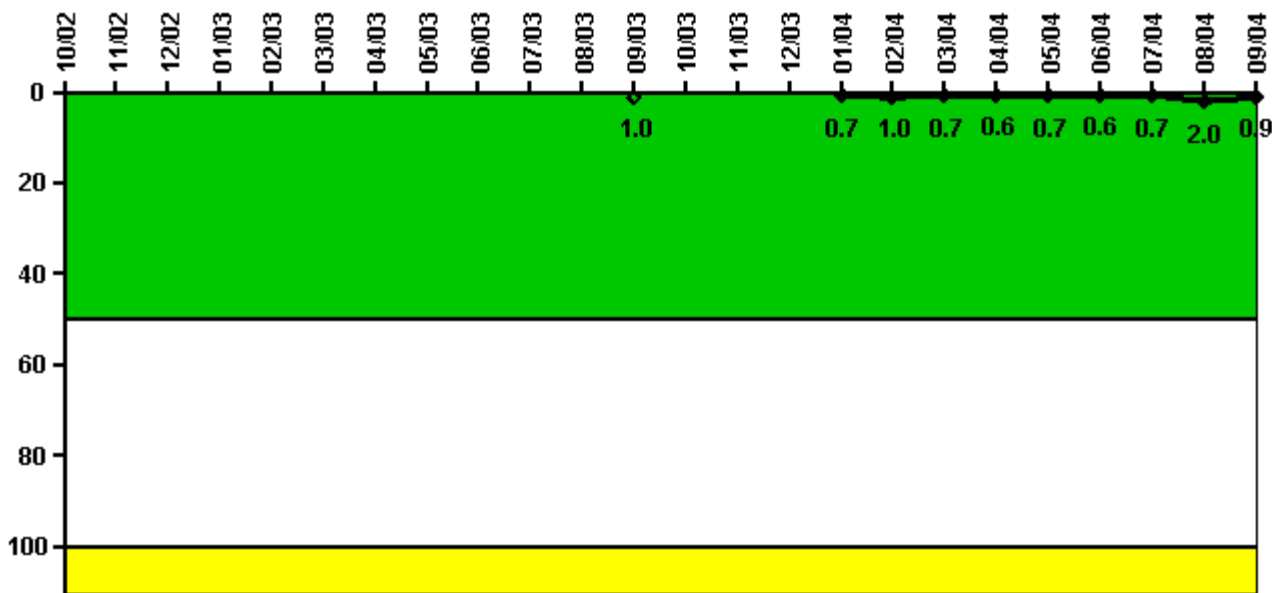
Notes

Reactor Coolant System Activity	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum activity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Reactor Coolant System Activity	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum activity	N/A	N/A	N/A	N/A	N/A	N/A	0.006300	0.007400	0.007600	0.008300	0.009100	0.009400
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	N/A	N/A	N/A	N/A	N/A	0.6	0.7	0.8	0.8	0.9	0.9

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

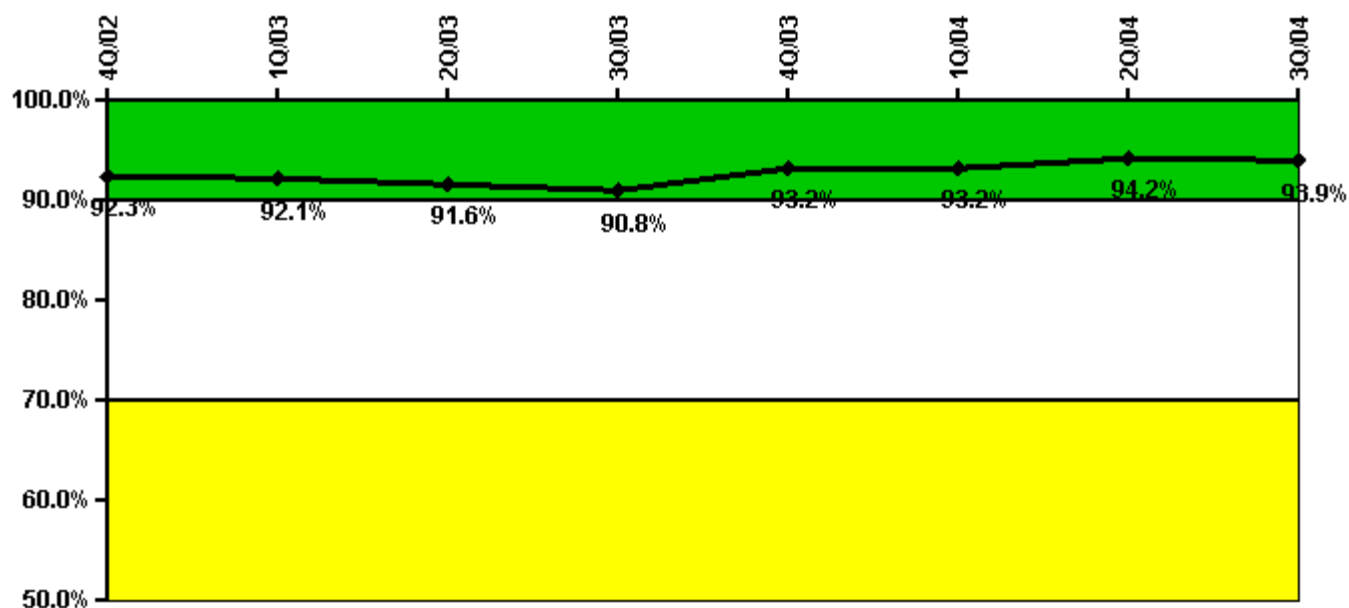
Notes

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.100
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.0

Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	N/A	N/A	N/A	0.069	0.099	0.071	0.062	0.070	0.064	0.068	0.202	0.089
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	N/A	N/A	0.7	1.0	0.7	0.6	0.7	0.6	0.7	2.0	0.9

Licensee Comments: none

Drill/Exercise Performance



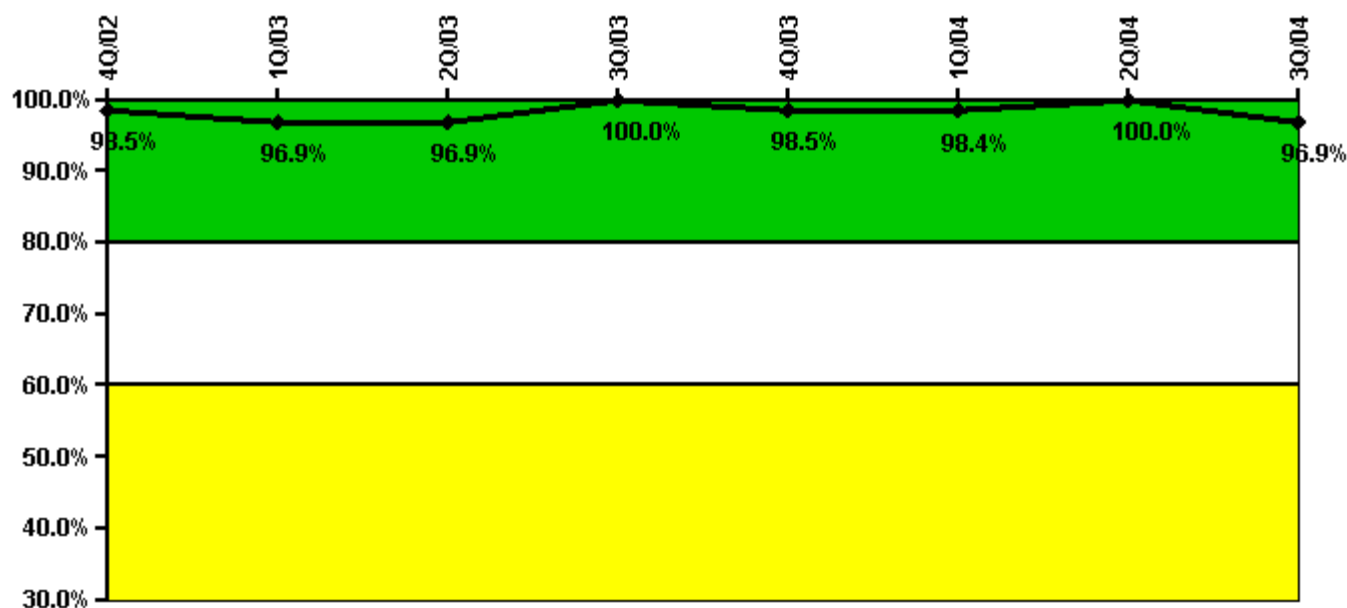
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful opportunities	23.0	0	29.0	17.0	48.0	0	16.0	21.0
Total opportunities	26.0	0	30.0	19.0	50.0	0	16.0	23.0
Indicator value	92.3%	92.1%	91.6%	90.8%	93.2%	93.2%	94.2%	93.9%

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Participating Key personnel	65.0	63.0	62.0	64.0	65.0	63.0	66.0	63.0
Total Key personnel	66.0	65.0	64.0	64.0	66.0	64.0	66.0	65.0
Indicator value	98.5%	96.9%	96.9%	100.0%	98.5%	98.4%	100.0%	96.9%

Licensee Comments: none

Alert & Notification System

Discrepant Performance Indicator Inspection Procedure 71150 Implemented

The NRC has modified the NRC web page to show the Davis-Besse Alert and Notification System performance indicator as discrepant pending NRC inspection of the issue. The NRC has changed the color of the PI on the web page from Green to Gray, indicating that the PI is under review by the NRC. The NRC will perform Inspection Procedure 71150. If feasible, the NRC will independently collect the PI data and then display the updated results on the NRC web page and use these results in the assessment process. Once the root cause(s) of the discrepant PI data have been identified and corrected, and the NRC has verified that the PI data can be collected and reported accurately, oversight of the PI reporting will return to normal inspection per Inspection Procedure 71151.

Notes

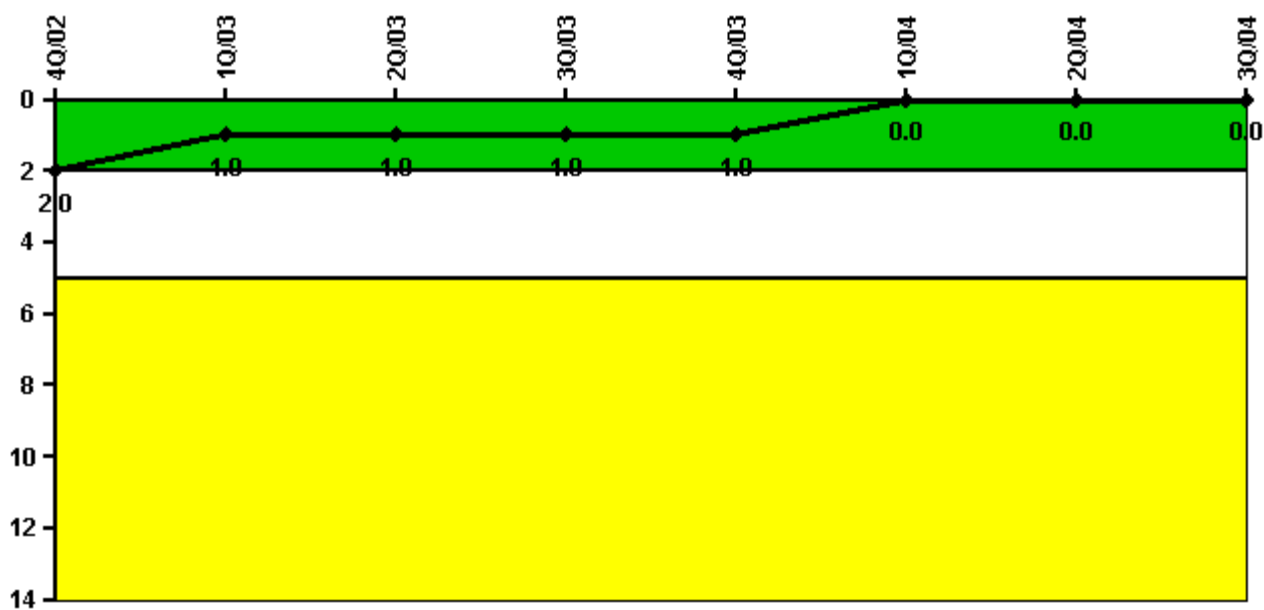
Alert & Notification System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful siren-tests	162	214	162	147	147	201	98	147
Total sirens-tests	162	216	162	147	147	201	147	147
Indicator value	99.3%	99.4%	99.4%	99.7%	99.7%	100.0%	92.4%	92.4%

Licensee Comments:

3Q/04: Number of siren tests changed based upon NRC Inspection of discrepant Alert and Notification System Indicator concluding October 29, 2004.

2Q/04: Number of siren tests changed based upon NRC Inspection of discrepant Alert and Notification System Indicator concluding October 29, 2004.

Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
High radiation area occurrences	0	1	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	2	1	1	1	1	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.